

Title (en)
TETRAHYDROQUINAZOLINE COMPOUNDS AS INHIBITORS OF VOLTAGE-GATED ION CHANNELS

Title (de)
TETRAHYDROCHINAZOLIN-VERBINDUNGEN ALS INHIBITOREN VON SPANNUNGSABHÄNGIGEN IONENKANÄLEN

Title (fr)
COMPOSES DE TETRAHYDROQUINAZOLINE UTILISES COMME INHIBITEURS DE CANAUX IONIQUES POTENTIEL-DEPENDANTS

Publication
EP 1663994 B1 20120307 (EN)

Application
EP 04780401 A 20040805

Priority
• US 2004025559 W 20040805
• US 49303603 P 20030805

Abstract (en)
[origin: WO2005014558A1] The present invention relates to compounds of formula (I) useful as inhibitors of voltage-gated sodium channels. The invention also provides pharmaceutically acceptable compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various disorders. Wherein R<1>, R<2>, X<1>-X<4>, P, and ring A are as defined in the present application.

IPC 8 full level
C07D 239/94 (2006.01); **A61K 31/517** (2006.01); **A61K 31/5377** (2006.01); **A61P 25/00** (2006.01); **A61P 29/00** (2006.01); **C07D 239/70** (2006.01); **C07D 239/91** (2006.01); **C07D 401/04** (2006.01); **C07D 401/14** (2006.01); **C07D 403/04** (2006.01); **C07D 403/12** (2006.01); **C07D 405/12** (2006.01); **C07D 413/02** (2006.01); **C07D 471/04** (2006.01); **C07D 495/04** (2006.01)

CPC (source: EP KR US)
A61K 31/517 (2013.01 - KR); **A61P 1/00** (2018.01 - EP); **A61P 1/04** (2018.01 - EP); **A61P 3/10** (2018.01 - EP); **A61P 3/12** (2018.01 - EP); **A61P 3/14** (2018.01 - EP); **A61P 5/00** (2018.01 - EP); **A61P 9/06** (2018.01 - EP); **A61P 9/10** (2018.01 - EP); **A61P 13/10** (2018.01 - EP); **A61P 15/00** (2018.01 - EP); **A61P 19/02** (2018.01 - EP); **A61P 21/00** (2018.01 - EP); **A61P 21/02** (2018.01 - EP); **A61P 25/00** (2018.01 - EP); **A61P 25/02** (2018.01 - EP); **A61P 25/04** (2018.01 - EP); **A61P 25/06** (2018.01 - EP); **A61P 25/08** (2018.01 - EP); **A61P 25/14** (2018.01 - EP); **A61P 25/22** (2018.01 - EP); **A61P 25/24** (2018.01 - EP); **A61P 25/28** (2018.01 - EP); **A61P 29/00** (2018.01 - EP); **A61P 43/00** (2018.01 - EP); **C07D 239/70** (2013.01 - EP KR US); **C07D 239/91** (2013.01 - EP KR US); **C07D 239/94** (2013.01 - EP KR US); **C07D 401/04** (2013.01 - EP KR US); **C07D 401/14** (2013.01 - EP KR US); **C07D 403/04** (2013.01 - EP KR US); **C07D 403/12** (2013.01 - EP KR US); **C07D 405/12** (2013.01 - EP KR US); **C07D 471/04** (2013.01 - EP KR US); **C07D 495/04** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
WO 2005014558 A1 20050217; AR 045445 A1 20051026; AT E548358 T1 20120315; AU 2004263515 A1 20050217; CA 2554566 A1 20050217; CN 1894222 A 20070110; EP 1663994 A1 20060607; EP 1663994 B1 20120307; IL 173528 A0 20060705; JP 2007501258 A 20070125; JP 2011207914 A 20111020; JP 4808156 B2 20111102; KR 20060118398 A 20061123; MX PA06001494 A 20070511; NO 20061080 L 20060419; NZ 545717 A 20091224; PE 20050355 A1 20050516; RU 2006106710 A 20070920; TW 200521119 A 20050701; US 2005187217 A1 20050825; US 2012040935 A1 20120216; US 7968545 B2 20110628; ZA 200601859 B 20080326

DOCDB simple family (application)
US 2004025559 W 20040805; AR P040102793 A 20040805; AT 04780401 T 20040805; AU 2004263515 A 20040805; CA 2554566 A 20040805; CN 200480029097 A 20040805; EP 04780401 A 20040805; IL 17352806 A 20060205; JP 2006522773 A 20040805; JP 2011161337 A 20110722; KR 20067002458 A 20060203; MX PA06001494 A 20040805; NO 20061080 A 20060306; NZ 54571704 A 20040805; PE 2004000761 A 20040805; RU 2006106710 A 20040805; TW 93123513 A 20040805; US 201113110173 A 20110518; US 91291204 A 20040805; ZA 200601859 A 20040805